

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-18 17:42:44

Date of Next Testing: 2027-02-17 17:42:44

Product Name: **2,7-Dibromocarbazole**

CAS Number: 136630-39-2

Specifications & Purity: $\geq 98\%$

Lot #: B2311590

SKU #: **D123548**

Version: **0**

Analysis #: **175875**

Parameter	Limit Values	Result
Melting point	230-234 (°C)	230.00000 °C
Purity(total nitrogen)	97.5-102.5 (%)	100.85 %
Purity(HPLC)	98-100 (%)	99.90000 %
Nitrogen by Elemental Analysis	4-4.5 (%)	4.47 %
Carbon by Elemental Analysis	43.2-44.5 (%)	44.21 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (D123548)	White to yellow powder or crystals	White to yellow powder or crystals



John Su
QA & QC Manager